INVASION



Volume 3
The Freaks Return!
2004 Edition

TREES....

....they come in all shapes and sizes. They fill the air with sweet, fragrant scents of spring blossoms, and splash the landscape with brilliant colors in the fall. They cool the air with their shade and provide a barrier against the harsh winter wind. They add beauty and comfort to our lives, as well as furnishing us with thousands of products we use every day.

But this booklet isn't about the beautiful trees, and it doesn't focus on the bouties of Mother Nature. It doesn't ask you to "thank a tree" for the oxygen you breath, or "hug a tree" in an affectionate display of gratitude. Some of the creatures featured in this publication might evoke more fear than affection. In fact, the thought of hugging some of these freaks of nature might be downright repulsive.

Have you ever been driving down a road or walking in a woods when you've happened upon a tree that is just so unusual that you are compelled to stop and stare? Have you ever said to yourself, "I wish I had my camera to capture this on film."?

During the spring of 2000 and again in 2002 and 2004, many Hoosiers took to the outdoors to do just that--to capture on film what words alone could not describe. After receiving hundreds of entries, our District Foresters employed a critical eye, years of arboreal experience, and sometimes a slightly twisted sense of reality to select the "weirdest" tree for each county. The results of their selections are highlighted in this booklet. If a previous winner was compared to its new competition and again judged to be the "weirdest" for that county, it retained its dubious title.

If your county is not represented, of if you know of a tree that you think is more weird than the one shown for your county, get your camera tuned up and your hiking boots ready. The deadline to enter the next Weird Tree Search will be April 15, 2008.

And now, witness the Invasion (if you dare to proceed)......

^{*}denotes a tree that has retained its status as the "weirdest" in its county from the 2002 edition of "Invasion of the Weird Trees"



*Adams county, submitted by Ruth Brown

Double vision plagues homeowner

Paul Bunyan's discarded pretzel found in Indiana woods



Allen county, submitted by Kathryn Moore



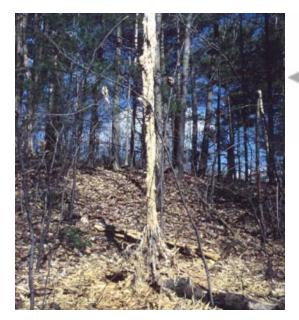
Benton county, submitted by Bonnie Dubich

Serpent in paradise no longer peddling apples



*Bartholomew county, submitted by Mauri & Debra Young

Long arm of law works undercover



Blackford county, submitted by Bonnie Dubich



Boone county, submitted by John Artman

Loch Ness makes Hoosier appearance

Give me another "**H**"

Starving tree down to bark and bone

Give me an "**h**"....



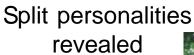
Brown county, submitted by Dave Mason



Knox county, submitted by Gary Rodney Smith



Clark county, submitted by Amil Kleinert





Vermillion county, submitted by Allen & Joyce Shew



Miami county, submitted by Harold McAlister

Who you callin' LUMPY?



*Clay county, submitted by Cecil E. Raab

The Jack-alope tree



*Crawford county, submitted by Paul Harmon



Clinton county, submitted by Nancy Martin

Tree shocked by its receding bark



Daviess county, submitted by Janet Gregory

Forest hijinx seen through secret keyhole

Tree survives by hook or by crook



Decatur county, submitted by Terry Wells



*Dekalb county, submitted by Sirleine M. Smith

*Dubois county, submitted by Dwight E. Seal

Tree caught doing donuts in woods

Tree forms bridge over troubled waters

Reach out and touch someone



*Delaware county, submitted by Anson Tooley

Just a little off the top, please

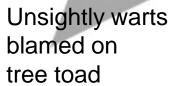


*Elkhart county, submitted by Sue A. Powell



*Fayette county, submitted by Donald Hollcroft

Tree tells fish story

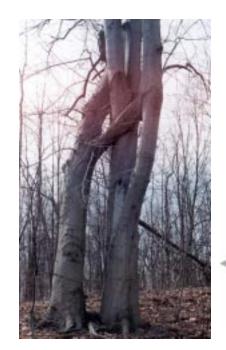


Arboreal

amour!



*Floyd county, submitted by Natalie Pomeroy



*Fountain county, submitted by Don Bickel

"Ugly duckling" aspires to be Christmas tree

*Fulton county, submitted by Laura Snipes



Lonely heart seeks companion

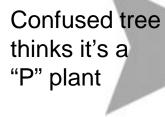


Grant county, submitted by Pat Eicher



Gibson county, submitted by Kayce McCoy

Tree insists on right to bear arms





* Hamilton county, submitted by Becky Mansmann

Carmen Miranda returns as tree



*Greene county, submitted by Rick Morron

"Tree-in-a-can" latest craze



*Harrison county, submitted by Paul Harmon

Twist of fate unites trees



Henry county, submitted by Marvin & Judith Webber



*Hancock county, submitted by Kay I. Wall

Forest giant caught tip-toeing through woods



Hendricks county, submitted by Carol Ford

Sick sycamore's temperature skyrockets

Old neighborhood terrorized by alien life form



Huntington county, submitted by Sheri Wilson

Strange growth between fingers has arborists concerned



*Howard county, submitted by Chris Dimitt

Farm implement requires "Slow Moving Vehicle" sign



Jackson county, submitted by Linda L. Smith

Tree morphs into rhino!

Jasper county, submitted by Bernita Hagadon



Jay county, submitted by Bettie Jacobs

Tree found loafing on the job



*Jennings county, submitted by Joe Spurlock

More split personalities discovered in the woods

Searchers misled: needle found in woods, not haystack



Jefferson county, submitted by Mike Underwood



*Johnson county, submitted by Linda Cummins

Looks like another lean year for this tree



Kosciusko county, submitted by Dave & Joan Tyler



*Laporte county, submitted by Richard Magiera

Tree professes its honesty; Pinocchio is skeptical Tree spotted walking out of woods



*Lagrange county, submitted b, Renee Harville

Tree fails in desperate attempt to escape woods

Child possesses mysterious tree-bending powers



*Lawrence county, submitted by H.C. Cummings

Like father, like son



* Marshall county, submitted by Harvey Firari

Tree anointed by shaggy dog undergoes transformation

Other forest trees left out of the loop



Madison county, submitted by A. Wm. Heiman, Jr.

Tree finds weening offspring difficult



*Marion county, submitted by Bill Howard



Martin county, submitted by Bonnie Dubich



Monroe county, submitted by Carol Ritter

Trees unite after long separation



Morgan county, submitted by Ray DeBaets

Tree goes fishing, but line gets tangled

Tree-octopus hybrid has scientists scratch their heads



*Montgomery county, submitted by Wes Crawford

Confused tree sprouts elephant trunk

*Newton county, submitted by Duane Datzman



Noble county, submitted by Richard D. Johnson

Unusual lava flow comes from tree

Tree flexes muscle for wildlife

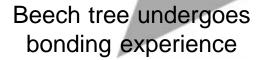


Oragne county, submitted by Jim Cassidy



Owen county, submitted by Dallas Kimmel

Tree tips scales of justice





Parke county, submitted by Karen Staub



*Pike county, submitted by Lu Froehle

Perry county, submitted by Sue Motz



Mumps epidemic plagues trees



Porter county, submitted by Sherry Biddle

Opened mouth, closed eyes--tree waits for big surprise



More than corn

grown in Indiana



*Posey county, submitted by Jack Finck

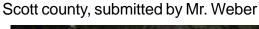


*Pulaski county, submitted by Steve Knebel

Enlarged hearts puts trees at risk



Putnam county, submitted by James & Melissa Ray





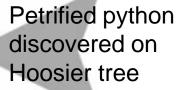
Doctor listens for seedling heartbeat in expectant tree



*Ripley county, submitted by Don Tolbert

Narcoleptic tree snoozes through first three decades

*St. Joseph county, submitted by Larry D. Enders



Spencer county, submitted by Bobby Joe Smith



Starke county, submitted by John D. & Mary Lou Smith



Oh, Deer!!

Trees make up for iron deficiency



Shelby county, submitted by Mary Spurgin



*Sullivan county, submitted by Bruce Finkbiner

Foresters study poor posture in trees

All-points bulletin issued for sign thief



*Steuben county, submitted by Paul Beckwith



Tippecanoe county, submitted by Sierra Boszer

Former home of toad has tree wondering wart to do

Guardian tree keeps watch on woods



Vanderburgh county, submitted by Bob Kessner



Warrick county, submitted by John & Linda Gray

Open Arms Hotel welcomes wildlife



Vigo county, submitted by Mary Jane Cooke

Chorus of trees perched to serenade park visitors

Tree found with antennae; neighbors report great reception



*Wabash county, submitted by Danielle Jean Knable

Multiple personalities found in tree



Warren county, submitted by Bonnie Dubich

Washington county, submitted by D. Purlee

Tree's green seeks sunny side of street



* Wayne county, submitted by Philip Coffman

Troll tree hungers for old bridge

Go IU!!!



Wells county, submitted by Charles Neuenschwander



*Whitley county, submitted by Richard Zernack

Gang of crooks seen lurking in woods



*White county, submitted by Eleanor L. Hickman

They're Weird—But How Did They Get That Way?



Science is founded upon explaining the unknown and making sense of the weird. But some freaks of nature even defy scientific explanation. The collection of weird trees displayed in this booklet provide a challenging exercise for modern investigators.

A team of highly trained and experienced DNR scientists agreed to examine these specimens and, if possible, determine the causes of their weirdness. Here are their findings:

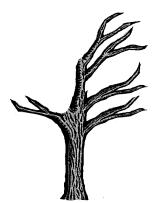
SYMPTOM: Embedded object

DIAGNOSIS: A common notion about trees is that an object fixed to the tree will get higher as the tree grows. That is not correct. Trees grow from the tips of the branches, and once something is attached to the tree, it will not get higher over time. It will, however, be eaten. Trees grow not only in height, but also in girth. As the tree grows in diameter, it also will "eat" or grow around any object fixed to the tree or even next to it. Hence, a nail placed into a tree when it is only a sapling will be "consumed" and be deep inside the trunk when that tree reaches maturity. Trees will eat nails, wires, cables, signs, and fenceposts. Trees will even sprout and grow up through abandoned fence, machinery, or almost anything else. As the trees grow, they will slowly grow around any foreign object. Often, these deeply embedded objects cannot be



detected when the tree is mature. Because these hidden objects can be very dangerous if they come into contact with a saw, it is not recommended to nail or fasten anything to a tree — The tree will eat it! Trees pictured in this booklet have embedded a sign and a fence post. The sign was obviously nailed to the tree, but the fencepost was placed too close to the tree's trunk. These embedded objects cannot be safely removed. Over time, the trees will continue to "consume" the objects until the trees have completely embedded them inside the tree's trunks.

—Jayson Waterman, District Forester



SYMPTOM: Unusual branching

DIAGNOSIS: Unusual or abnormal branching is normally the result of some type or injury. If the top of a tree is damaged, the side branches closest to the point of damage will turn up towards the sky and establish dominance. In other instances, a lower branch may become damaged or distorted. If it continues to receive enough sunlight to maintain growth, it will continue to grow in its distorted condition. Early Indian tribes have been known to bend the branches of trees to permanently mark the location of trails.

Insects such as mites, fungi and dwarf mistletoe can all cause the over stimulation of dormant buds which results in the formation of dense mats of branches

commonly called witches' broom. And lastly, sometimes the genetics of a tree just go a little haywire and you get branching that is unusual. Many common ornamental varieties that are prized for their unusual appearance are the result of natural genetic mutation.

-Chuck Ratts, District Forester

SYMPTOM: Multiple stems

DIAGNOSIS: Some multi-stemmed trees can be explained as a result of phototropism. Plants are attracted to light. When a tree is knocked or blown over, the side branches feel the need for light and grow toward it. It has been said Indians used to do this on purpose to identify hunting spots, or to give them directions through a woods.

Other trees with multiple stems are a result of stump sprouts. When a tree is harvested, buds beneath the bark sprout as a survival tactic. Their chance of becoming new trees is dependent on the size of the original tree and their location on the stump. Those closest to the ground have a better chance. Most hardwood trees will produce sprouts. Usually they

will total 2, 3 or 4 stems. Some very weird trees may have more sprouts that originate higher on the stump. My wife and I have 3 Stump sprouts named Michael, Steven, and Eric. Also a secondary sprout, Alexandra was recently born to Steven and his wife Erin.

—Don Stump, District Forester



SYMPTOM: Warts, Bumps and Burls

DIAGNOSIS: Teenagers and witches take heart. Mother Nature has cursed some things beside you with ugly bumps and warts. Trees have bumps, warts, and burls. The teenager fears the facial bumps before a date, the witch looks much more evil with warts on her nose and chin, and nothing disfigures a tree quite like an unexplained burl. The teenager grows past his problem, the witch is only imagined, but the tree remains ugly forever. Best of all we learn to love and appreciate things because of their differences from the norm.

Whenever people see a tree with unique bumps and burls the question is, "Boy, what caused that?" I continue to ask the same question and receive answers from, "I don't know." to "We think maybe...." Insects, damage to the bark,

viruses, and mutated growth buds have all been suspected. Maybe we should just accept this unique gift and not ask why.

We do know that inside these ugly, abnormal growths is some of the most interesting grain patterns found in any wood. These distinct woods are highly prized for tables, clocks, bowls, and other decorative products. Few of us can look at these beautiful things made possible by ugly without wondering why. I think I want it to remain a mystery. That way I can enjoy creating my own explanation for each one I find and realize the value of diversity.

—Rex Gambill, District Forester

SYMPTOM: Crooked or misdirected trunk

DIAGNOSIS: All plants grow upward, reaching for the sun! These examples of unusually growing trees provide a lesson in how persistent plants are in sticking to this rule. Each of these trees has experienced some physical damage. Perhaps a windstorm blew down another tree and it landed across this tree when it was much smaller. As side branches on that bent stem reached for light, they took over growth dominance. Many years later, these side branches now appear as the dominant stem(s) of the tree. Early Americans used this characteristic of trees to mark trails. A sapling bent over and tied down can be pointed in the direction of a trail. This growing trail marker will last for many years with no maintenance.

—Steve Marling, District Forester





SYMPTOM: Trees connected together

DIAGNOSIS: What appear to be natural grafts between two trees or between two branches of the same tree are not that uncommon. Anyone who spends a lot of time in the woods has seen this phenomenon. How does it happen? Apparently as the trees grow in diameter extreme pressure builds at the point where a projecting limb contacts another tree or another part of the same tree. If both members are parts of the same tree then both are genetically identical and a true graft may occur. If there are two trees of the same species then the genetic similarity may allow a true graft. The artificial grafting of fruit trees and ornamentals is a routine procedure involving tissue from trees of the same species.

Where different species are involved a true graft would be far more difficult because of genetic incompatibility. What appears to be a true graft may be deceiving and there would be no way to know for sure without damaging the point of contact.

—Mike Coggeshall, District Forester



SYMPTOM: Indentations

DIAGNOSIS: Some indentations are caused by a canker, or fungus, which forms what appear to be "eyes" in the bark. The nectria canker can actually wrap completely around the tree and kill it, but usually only slows the growth of the tree. This fungus can be spread but is not commonly found in trees older than 20 years of age.

You may recall one tree with a person and dog inside it. Forest gnomes may exist according to this picture. This gargantuous tree, a sycamore, has hollowed out to form a large cavity within. Most likely, this tree has been periodically flooded a number of times and lies in low ground where water saturates the soil. This wetness can often

cause decay from the inside out. An old injury from logs floating by in a flood or logging damage can also cause the tree to decay. Sometimes, coon hunters will "smoke out" a raccoon hiding within and the fire will burn out the center of the already hollow tree. Not a place I would want to be sheltered during a storm because the tree is probably the tallest thing in the woods and a prime target for lightening.

—Brad Rody, District Forester

SYMPTOM: Gnarly Trees DIAGNOSIS:

I thought that I would never see A plant as gnarly as that tree, And what has caused it such distress To grow into such an ugly mess?

Could it be caused by site or genes
Or dirt compacted by machines
Which dig and fill to improve the land?
It could be more than a tree could stand.

Or are they like the human race Which accompanies aging with a wrinkled face And twisted joints and stiffened limbs. Would they call us "old gnarly stems?"



WARNING

We know there are more weird trees out there. We advise you to always take the following precautions:

- 1. Never go to the woods without a camera
- 2. Be sure to have plenty of film

DO NOT BE CAUGHT IN THE WOODS UNPREPARED!

